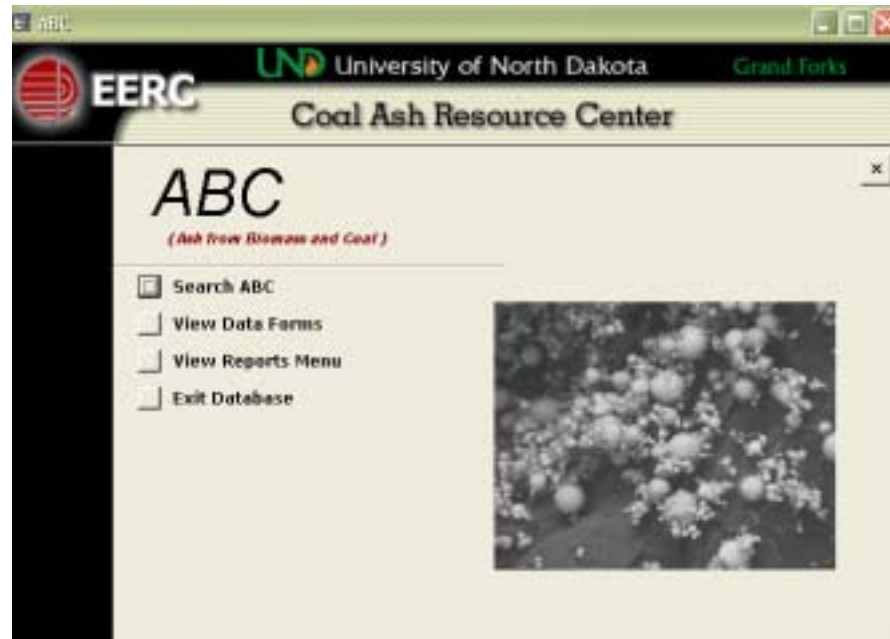


ASH FROM BIOMASS IN COAL (ABC) DATABASE USER'S MANUAL

MAIN MENU

When the ABC database is first opened, the user is presented with the following options: Search ABC, View Data Forms, View Reports Menu, or Exit Database. The Main Menu is shown in Figure 1.

Figure 1. Main Menu



Search ABC → Opens a form (see Figure 2) that enables the user to enter search criteria into text boxes to find specific samples and information in the ABC database.

View Data Forms → Opens a menu in which the user can choose which analyses report to view. These forms are opened in read-only mode, and modifications to the data are not allowed.

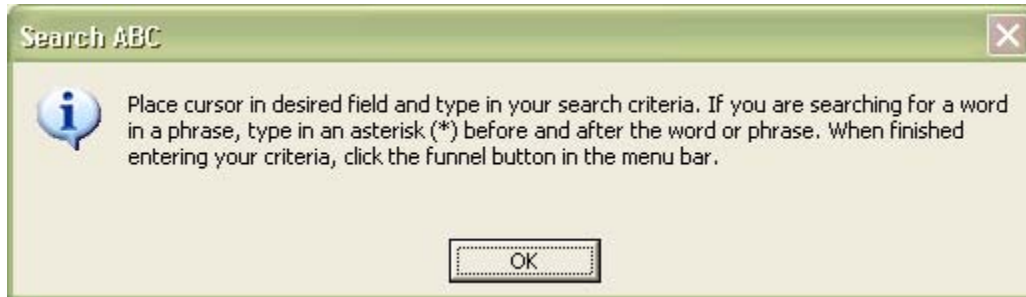
View Reports Menu → Pulls up a list of reports to view and print. The reports are helpful for viewing and analysis of samples in the database.

Exit Database → Allows the user to exit the ABC database.

SEARCH ABC

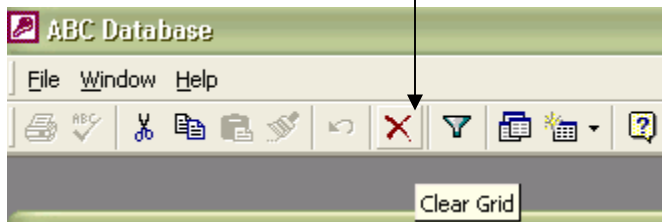
Once the Search ABC button is selected, the box in Figure 2 appears.

Figure 2. Search ABC



Clicking the 'OK' button begins the search. To clear the grid and start a new search, click the 'X' button on the toolbar:

Figure 3. Clear Grid



Once all of the text boxes are cleared, place the cursor in the desired text box(s) and enter the search criteria. To search a word in a phrase, type in an asterisk (*) before and after the word. For example, to find a sample with "lignin" in the sample description, type *lignin* in the sample description text box. This will find all samples in the database with the word lignin in the sample description.

After entering the search criteria, click the button on the menu bar that looks like a funnel to apply the filter (see Figure 4). This will display a list of samples and the information relating to them based on the criteria entered.

Figure 4. Apply Search Filter



VIEW DATA FORMS

Use this option to browse the samples in the ABC database by analyses type. Each form will open in read-only format so as to not allow the user to change any of the information and only allow viewing of the forms.

VIEW REPORTS MENU

The ABC database contains default reports that are already queried and properly formatted for viewing and printing preferences. When "View the Reports Menu" is selected from the Main Menu, the user can choose from a list of predefined reports.

ABC BUTTONS

There are several icons/buttons in the ABC database. The following is a description of those buttons and resulting action:

Previous/Next Record → The arrows in Figure 5 allow the user to move to the previous record or next record in the database.

Figure 5: Previous/Next Record Navigation Buttons



Close Form → To close an active form in the database, click on the button shown in Figure 6.

Figure 6: Close Form Button



New Search → To perform a new search, click on the magnifying glass shown in Figure 7.

Figure 7: New Search Button

